

REPRESENTING



Mike Tennery

Idaho Coordinator

Fuels For Schools Program

Phone (208) 659-3752

228 E. Miles Ave., Hayden Lake, ID 83835

Email: ffsidaho@adelphia.net

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Subject: Report of Consultant activities for September & October, 2005.

Ref: IDL/RC&D MOU ATTACHMENT A, PROJECT SCOPE OF WORK FOR
FUELS FOR SCHOOLS (FFS) PROGRAM IN IDAHO (July 1, 2005 – June 30, 2006)

Desired Outcomes:

A. Assist in the promotion and development of the current Idaho FFS lead demonstration project at Council, ID to obtain an operational status by the fall of 2005.

Activity: The Grand Opening ceremony of the Council FFS project was held on September 30. Project is complete, operational, and welcoming visitors. Future plans include tracking of data about the system, completion of the greenhouse structure, and stack emission evaluations this spring. Contact to arrange visits are Murray Dalglish, Council School District Superintendent, phone:208-253-4217
Email: mdalglish@sd013.k12.id.us or me.

B. Promote the construction of additional biomass heating systems in public buildings consistent with program funding. Specific objective is to have one additional Biomass fueled heating systems under construction in 2005 and operational in 2006.

Activity: Kellogg SD – A grant check ceremony was held on 9/26/05. Local attendance and press coverage was good. On November 1 the Kellogg School District electorate voted by 76% to approve a bond for the complete energy update of all of their school facilities. This project includes putting in a woody biomass fueled heating system to heat the Middle school and Administration Building. Talks are underway with Silver Mountain Resort to provide heated water to their proposed indoor water park. If this occurs, the biomass system will also be expanded to heat a nearby elementary school and be a revenue source for the District. Exact construction schedule has not been determined but entire project is planned to be complete within eighteen months. MOU for the \$381,000 FFS grant to Kellogg is being finalized.

Boundary County Commissioners have completed prelim engineering questionnaires on their proposal to heat three downtown Bonners Ferry public buildings with biomass. Paperwork has been sent to Bitterroot RC&D with request for CTA to accomplish a Preliminary Engineering Evaluation. **Clearwater County Economic Development Team- Orofino, ID** – Pre-feasibility Assessment forms outlining a project to heat the High School, the Correctional Institution and the State Hospital using a biomass fueled heating system. Paperwork has been sent to Bitterroot RC&D with request for CTA to accomplish a Preliminary Engineering Evaluation. **City of Council Idaho** has submitted FFS preliminary survey information on a possible biomass heating system which includes

three city business builder buildings, city hall and a medical building. Project is currently being evaluated.

C. Maintain an electronic information file on school/public facilities in Idaho near fuel reduction projects.

Activity: Information on file and available.

D. Maintain and keep current an electronic information file (Web Site) for school administrators, public officials and others on existing projects, sources of biomass heating system design, construction and operation expertise.

Activity: **Idaho Department of Lands Website** is current with link on www.fuelsforschools.org web site.

E. Develop information base on biomass fuels processing, transportation techniques and potential energy qualities. Work with communities to help develop the capacity to access, process and store woody biomass. Develop links with large landowners/managers, county hazardous fuel reduction coordinators, state land managers, etc. so that sources of biomass are identified as available to new systems. Help potential chip suppliers be aware of new transportation options, like roll-off containers, articulated chip vans, etc.

Activity: Attended Biomass Conference in Missoula, Montana. Representative from throughout the western states and Washington DC were present. Assisted in briefing on the Fuels For Schools program and exchanged contact information.

F. Develop contacts with government and private parties which have interest in the FFS programs success; could be potential sources of funding; and/or could provide program development/implementation expertise. Maintain record of contact information which can be made available to interested parties.

Activity: On 9/8 met with Panhandle Lakes RC&D Council to brief status of FFS projects in Idaho. October-participated in five public meetings on biomass heat & Kellogg project in Kellogg, Idaho. On 10/31 met with representative of the Coeur d'Alene Native American Tribe to review their possible construction projects on the reservation and in Plummer, Idaho. Contact database continues to be updated.

G. Access the ID state boiler database and develop an analysis similar to the one done in MT that sorts the information by age, size, type of fuel burned, etc. Investigate cooperating agency GIS resources and if resources exist, conduct a GIS analysis to identify which ones are within 50 miles of forested land. Do a generic economic analysis to see which ones would have a reasonable payback.

Activity: in progress with no new information to report.

Respectively submitted,

Mike Tennery